



2834

Attorney's Docket No.: 042390.P11430

Patent

In re the Application of: Qing Ma et al.

(inventor(s))

Application No.: 09/883,036

Filed: June 11, 2001

For: APPARATUS FOR ADJUSTING THE RESONANCE FREQUENCY OF A MICROELECTRO-
MECHANICAL (MEMS) RESONATOR USING TENSILE/COMPRESSIVE STRAIN AND
APPLICATIONS THEREOF

(title)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR: Transmitted herewith is an Amendment for the above application.

Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.

XX No additional fee is required.

The fee has been calculated as shown below:

| | (Col. 1) | | (Col. 2) | (Col. 3) |
|--|-----------------------------------|-------|---------------------------------------|------------------|
| | Claims Remaining After Amd. | | Highest No. Previously Paid For | Present Extra |
| Total Claims | * 21 | Minus | ** 54 | |
| Indep. Claims | * 2 | Minus | *** 4 | |
| First Presentation of Multiple Dependent Claim(s) | | | | |

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

SMALL ENTITY

| Rate | Additional Fee |
|-------------------|-------------------|
| X9 | \$ |
| X42 | \$ |
| +140 | \$ |
| Total Add. Fee | \$ |

OTHER THAN A
SMALL ENTITY

| Rate | Additional Fee |
|-------------------|-------------------|
| X18 | \$ 0.00 |
| X84 | \$ 0.00 |
| +280 | \$ |
| Total Add. Fee | \$ 0.00 |

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Date of Deposit

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Name of Person Mailing Correspondence

Dominique Valentino
Signature

5-22-03
Date

_____ A check in the amount of \$ _____ is attached for presentation of additional claim(s).
_____ Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to
37 C.F.R. § 1.136(a).

_____ A check for \$ _____ is attached for processing fees under 37 C.F.R. § 1.17.

_____ Please charge my Deposit Account No. 02-2666 the amount of \$ _____.

A duplicate copy of this sheet is enclosed.

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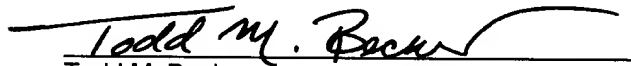
_____ Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of
extra claims.

_____ Any extension or petition fees under 37 C.F.R. § 1.17.

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Date: 5-22-03

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Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Qing Ma et al.

Serial No.: 09/883,036

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STRAIN AND APPLICATIONS THEREOF

Examiner: Karen B. Addison

Art Unit: 2834

Docket No.: 42390.P11430

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT A (37 C.F.R. § 1.111)

Sir:

This amendment is submitted in response to the Office Action mailed February 25, 2003, for the above-noted patent application. A revised version of Figure 1 is enclosed herewith. Please amend the application as shown below.

In the Claims:

Please cancel existing claims 1-20 without waiver or prejudice.

Please enter new claims 55-75 as shown below:

55. (New) A method comprising:

providing a resonator beam having a first end and a second end, the resonator beam suspended above a substrate by the first end and the second end;